# Cumulative Indexes

# Contributing Authors, Volumes 48-58

## A

Ainsworth EA, 55:557–94
Ait-ali T, 52:67–88
Alban C, 51:17–47
Albersheim P, 55:109–39
Allen GJ, 52:627–58
Alonso-Blanco C, 49:345–70;
55:141–72
Amasino RM, 56:491–508
Apel K, 55:373–99
Argüello-Astorga G, 49:525–55
Arroyo A, 49:453–80
Arruda P, 57:383–404
Asada K, 50:601–39
Assmann SM, 58:219–47

# B

Baena-Gonzalez E, 57:675-709 Bais HP, 57:233-66 Baldwin IT, 53:299-328 Ball SG, 54:207-33 Balmer Y, 56:187-220 Baluška F, 51:289-322 Bandyopadhyay A, 56:221-51 Banks JA, 50:163-86 Barber J, 48:641-71 Barlow PW, 51:289-322 Bartel B, 48:51-66; 57:19-53 Bartel DP, 57:19-53 Barton MK, 48:673-701 Baucher M, 54:519-46 Baudry A, 57:405-30

Bauer CE, 53:503-21 Beardall J, 56:99-131 Bender J, 55:41-68 Benfey PN, 50:505-37 Benning C, 49:53-75 Benson AA, 53:1-25 Benveniste P, 55:429-57 Benzanilla M, 57:497-520 Bergmann DC, 58:163-81 Berthold DA, 54:497-517 Bevan MW, 49:127-50 Bick J-A, 51:141-66 Birnbaum KD, 57:451-75 Birch RG, 48:297-326 Blevins DG, 49:481-500 Boekema EJ, 48:641-71 Boerjan W, 54:519-46 Bogdanove AJ, 54:23-61 Bohnert HJ, 50:305-32; 51:463-99 Boldt R, 57:805-36 Boonsirichai K, 53:421-47 Borecky J, 57:383-404 Borisjuk L, 56:253-79 Boston RS, 52:785-816 Bou J, 57:151-80 Bouché N, 56:435-66 Bowler C, 53:109-30 Bowles D, 57:567-97 Bressan RA, 51:463-99 Breton G, 55:263-88 Briat J-F, 54:183-206 Broadvest J, 49:1-24 Brown D, 58:407-33

Brown JWS, 49:77–95 Brown ML, 54:403–30 Brownlee C, 55:401–27 Buchanan BB, 56:187–220 Buckler ES IV, 54:357–74

## C

Caboche M, 57:405-30 Cahoon EB, 49:611-41 Campbell WH, 50:277-303 Cande W, 57:267-302 Cassab GI, 49:281-309 Chaimovich H, 57:383-404 Chapple C, 49:311-43 Chen R, 53:421-47 Chen ZJ, 58:377-406 Chitnis PR, 52:593-626 Chory J, 57:739-59 Christiansen J, 52:269-95 Christie JM, 58:21-45 Citovsky V, 48:27-50 Clouse SD, 49:427-51 Cobbett C, 53:159-82 Comai L, 54:375-401 Conklin PL, 52:437-67 Cosgrove DJ, 50:391-417 Cournac L, 53:523-50 Cove D, 57:497-520 Creelman RA, 48:355-81 Croteau R, 52:689-724 Cuccovia I, 57:383-404 Cunningham FX Jr, 49:557-83 Curie C, 54:183-206

Curran AC, 51:433-62 Cushman JC, 50:305-32

#### D

Darvill AG, 55:109-39 Davenport RI, 53:67-107 Davies IP, 51:141-66 Dawe RK, 49:371-95 Day DA, 48:493-523 Dean DR, 52:269-95 Debeaujon I, 57:405-30 Deeks MJ, 57:109-25 de Godoy Maia I, 57:383-404 Delhaize E, 52:527-60 DellaPenna D, 50:133-61; 57:711-38 Delmer DP, 50:245-76 Demidchik V, 53:67-107 Deng X-W, 54:165-82 Dennis ES, 49:223-47 Denyer K, 48:67-87 de Souza MP, 51:401-32 Dewitte W, 54:235-64 Dickerson J, 57:335-59 Dietrich MA, 49:501-23 Dietz K-S, 54:93-107 Diner BA, 53:551-80 Dixon RA, 48:251-75; 55:225-61 Doi M, 58:219-47 Douce R, 51:17-47 Douglas Cl, 58:435-58 Drake BG, 48:609-39 Drew MC, 48:223-50 Dreyfuss BW, 49:25-51 Drozdowicz YM, 49:727-60 Dubini A, 58:71-91

## E

Edwards GE, 55:173–96 Ehrhardt DW, 57:859–75 Elliott KA, 53:131–58 Elthon TE, 55:23–39 Emes MJ, 51:111–40 Epstein E, 50:641–64 Evans LT, 54:1–21, 307–28 Evans MMS, 48:673–701 Evans TC Jr, 56:375–92 Evron Y, 51:83–109

# F

Facchini PJ, 52:29-66 Fagard M, 51:167-94 Falciatore A, 53:109-30 Feussner I, 53:275-97 Finnegan EJ, 49:223-47 Fischer RL, 56:327-51 Fletcher JC, 53:45-66 Flint-Garcia SA, 54:357-74 Flügge U-I, 50:27-45: 56:133-64 Forde BG, 53:203-24 Fox TC, 49:669-96 Foyer CH, 49:249-79 Franceschi VR, 55:173-96; 56:41-71 Fricker M, 57:79-107 Fromm H, 56:435-66 Frommer WB, 55:341-71 Fujioka S, 54:137-64 Fukayama H, 52:297-314 Furbank RT, 52:297-314 Furumoto T, 55:69-84 Furuva M, 55:1-21

## G

Galbraith DW, 57:451-75 Galili G, 53:27-43 Gallois P. 58:407-33 Galway ME, 54:691-722 Gandotra N. 57:181-201 Gang DR, 56:301-25 Gantt E. 49:557-83 García-Mata C, 54:109-36 Gasser C. 49:1-24 Gatz C, 48:89-108 Gelvin SB, 51:223-56 Genger RK, 49:233-47 Gershenzon J, 57:303-33 Ghirardi ML, 58:71-91 Ghoshroy S, 48:27-50 Gibbs M, 50:1-25 Gibbs SP, 57:1-17 Gilroy S, 48:165-90; 57:233-66 Giordano M, 56:99-131 Giovannoni I, 52:725-49 Giraudat J, 49:199-222 Golden SS, 48:327-54 Goldsbrough P, 53:159-82 Gonzalez-Carranza ZH. 53:131-58

González-Meler MA, 48:609–39 Graziano M, 54:109–36 Greenberg JT, 48:525–45 Grossman A, 52:163–210 Grossniklaus U, 54:547–74 Grotewold E, 57:761–80 Grusak MA, 50:133–61 Guan C, 53:421–47 Gubler F, 55:197–223 Guerinot ML, 49:669–96 Gutu A, 57:127–50

#### H

Halkier BA, 57:303-33 Hamant O, 57:267-302 Hammond-Kosack KE, 48:575-607 Hankamer B, 48:641-71 Hanson AD, 52:119-37 Hansson A, 58:459-81 Harberd NP, 52:67-88 Hardie DG, 50:97-131 Hardtke CS, 58:93-113 Harmon A, 55:263-88 Harper JF, 51:433-62; 55:263-88 Harries P, 57:497-520 Harris EH, 52:363-406 Harrison MJ, 50:361-89 Hasegawa PM, 51:463-99 Hauser B, 49:1-24 Hedden P, 48:431-60 Henderson JHM, 52:1-28 Henikoff S, 54:375-401 Hepler PK, 48:461-91 Herrera-Estrella L, 49:525-55 Herrmann KM, 50:473-503 Hetherington AM, 55:401-27 Hirt H. 55:373-99 Hoekenga OA, 55:459-93 Holbrook NM, 57:361-81 Holstein SE, 56:221-51 Hörtensteiner S. 50:67-95: 57:55-77 Hsieh T-F. 56:327-51 Hudson A, 51:349-70 Hugouvieux V, 52:627-58 Huner NPA, 54:329-55 Hussey PJ, 57:109-25 Hwang I, 51:433-62

I

Iba K. 53:225-45 Ishii T. 55:109-39 Ishiura M, 48:327-54 Isogai A, 56:467-89 Izui K, 55:69-84

# J

Jacquot J-P. 51:371-400 Jansson S, 58:435-58 Jaworski JG, 48:109-36 Jensen PE, 58:459-81 Job D, 51:17-47 Johnson CH, 48:327-54 Johnson EA, 51:83-109 Jones AM, 58:249-66 Jones DL, 52:527-60 Jones JDG, 48:575-607 Jones-Rhoades MW. 57:19-53 Jung H, 57:739-59 Jürgens G, 56:281-99

Kagawa T. 54:455-68 Kai Y, 55:69-84 Kakimoto T, 54:605-27 Kamiya Y, 48:431-60 Kaplan A, 50:539-70 Kato N, 55:537-54 Kehoe DM, 57:127-50 Kerfeld CA, 49:397-425 Kessler A, 53:299-328 Ketelaar T, 57:109-25 Kieber JJ, 48:277-96 Kim HJ, 58:115-36 King KE, 52:67-88 King RW, 54:307-28 Kinney AJ, 52:335-61 Kinoshita T, 58:219-47 Kochian L, 55:459-93 Koltunow AM, 54:547-74 Komeda Y, 55:521-35 Kondo T, 48:327-54 Koornneef M, 49:345-70; 55:141-72 Kotani H, 49:151-71 Koussevitzky S, 57:739-59 Krogmann DW, 49:397-425 Kwak JM, 52:627-58 Kvozuka I. 53:399-419

# L

Lagarias I, 57:837-58 Lalonde S. 55:341-71 Lam E, 55:537-54 Lamattina L, 54:109-36 Lamb C, 48:251-75 Larkin JC, 54:403-30 Lartev R. 48:27-50 Leigh RA, 50:447-72 Leon P. 49:453-80 Lepiniec L, 57:405-30 Leuchtmann A, 55:315-40 Leung J, 49:199-222 Leustek T, 51:141-66 Leyser O, 53:377-98; 56:353-74 Li Z-S, 49:727-60 Liang F. 51:433-62 Lichtenthaler HK, 50:47-65 Lim E, 57:567-97 Lim PO, 58:115-36 Lin C, 54:469-96 Liu T, 57:181-201 Loewus FA, 52:437-67 Long SP, 48:609-39; 55:557-94 Lough TI, 57:203-32 Lu Y-P, 49:727-60 Luan S, 54:63-92 Lucas WJ, 57:203-32 Lukaszewski KM, 49:481-500

# M

Ma H, 56:393-434; 57:267-302 MacKay JJ, 49:585-609 Mackenzie S, 49:453-80 Maeshima M, 52:469-97 Maliga P, 55:289-313 Mandoli DF, 49:173-98 Maness P-C, 58:71-91 Marion-Poll A, 56:165-85 Marks MD, 48:137-63 Martin C, 48:67-87 Martin GB, 54:23-61 Martin MN, 51:141-66 Martinoia E, 49:727-60

Masson PH, 53:421-47 Matile P, 50:67-95 Matsubayashi Y, 57:649-74 Matsumura H. 55:69-84 Matsuoka M, 52:297-314; 58:183-98 Maurel C, 48:399-429 McAndrew RS, 52:315-33 McCarty RE, 51:83-109 McClung CR, 52:139-62 McCourt P, 50:219-43 McCully ME, 50:695-718 McCurdy DW, 54:431-54 McIntosh L, 48:703-34 McSteen P. 56:353-74 Meijer HJG, 54:265-306 Mendel RR, 57:623-47 Merchant S, 49:25-51 Miernyk JA, 53:357-75 Miller AJ, 52:659-88 Miyao M, 52:297-314 Mok DWS, 52:89-118 Mok MC, 52:89-118 Møller IM, 52:561-91; 58:459-81 Mooney BP, 53:357-75 Moore G, 51:195-222 Moore I, 57:79-107 Morell MK, 54:207-33 Motovuki A, 58:183-98 Mudgett M, 56:509-31 Mullet IE, 48:355-81 Munnik T, 54:265-306 Murphy AS, 56:221-51 Murray JAH, 54:235-64

Nagy F, 53:329-55 Nakaiima M. 58:183-98 Nakata PA, 56:41-71 Nam HG, 58:115-36 Nambara E, 56:165-85 Napier JA, 58:295-319 Nelson N, 57:521-65 Nelson T, 57:181-201 Nesi N, 57:405-30 Neuhaus HE, 51:111-40 Nielsen K, 52:785-816 Niyogi KK, 50:333-59 Noctor G, 49:249-79 Nott A, 57:739-59

#### 0

Oaks A, 51:1–16 Offler CE, 54:431–54 Ohlrogge JB, 48:109–36 Olsen O-A, 52:233–67 O'Neill MA, 55:109–39 Oparka KJ, 51:323–47 Öquist G, 54:329–55 Ort DR, 55:557–94 Osmont KS, 58:93–113 Osteryoung KW, 52:315–33

#### P

Pagnussat G, 54:109-36 Palmgren MG, 52:817-45 Patrick JW, 48:191-222; 54:431-54 Peacock WJ, 49:223-47 Peer WA, 56:221-51 Peeters AJM, 49:345-70 Peltier G, 53:523-50 Perry LG, 57:233-66 Pilon-Smits E, 56:15-39 Piñeros MA, 55:459-93 Pogson B, 57:711-38 Poppenberger B, 57:567-97 Posewitz MC, 58:71-91 Pourcel L, 57:405-30 Pradhan S, 56:375-92 Prat S, 57:151-80

## 0

Quatrano R, 57:497-520

#### R

Rademacher W, 51:501–31 Raghothama KG, 50:665–93 Ralph J, 54:519–46 Randall DD, 53:357–75 Rappaport F, 53:551–80 Raskin I, 49:643–68 Rasmusson AG, 55:23–39 Ratcliffe RG, 52:499–526 Raven JA, 56:99–131 Rea PA, 49:727–60; 58:347–75 Reddy AS, 58:267–94 Reinhold L, 50:539–70 Rhee SY, 57:335–59 Richards DE, 52:67–88 Roberts JA, 53:131–58 Roberts K, 58:137–61 Robertson D, 55:495–519 Rockwell NC, 57:837–58 Rodríguez-Falcón M, 57:151–80 Rogers A, 55:557–94 Roje S, 52:119–37 Rolland F, 57:675–709 Routaboul J, 57:405–30 Runions J, 57:79–107 Ryan PR, 52:527–60

## S

Sack FD, 58:163-81 Sack L. 57:361-81 Sakagami Y, 57:649-74 Sakakibara H, 57:431-49 Sakamoto W, 57:599-621 Salt DE, 49:643-68 Salvucci ME, 53:449-75 Santa Cruz S, 51:323-47 Sasse JM, 49:427-51 Sato Y. 54:455-68 Schachtman DP, 58:47-69 Schaefer DG, 53:477-501 Schäfer E. 53:329-55 Schardl CL, 55:315-40 Scheres B, 50:505-37 Schiefelbein J, 54:403-30 Schnell DJ, 49:97-126 Schroeder JI, 52:627-58 Schuler MA, 54:629-67 Schumaker KS, 49:501-23 Schürmann P. 51:371-400 Schwacke R, 56:133-64 Schwarz G, 57:623-47 Schwechheimer C. 49:127-50 Sederoff RR, 49:585-609 Seefeldt LC, 52:269-95 Seibert M, 58:71-91 Seifert GJ, 58:137-61 Sentenac H, 54:575-603 Serino G, 54:165-82 Sessa G, 54:23-61 Shachar-Hill Y, 52:499-526 Shalitin D, 54:469-96 Shanklin I, 49:611-41 Sharkey TD, 52:407-36

Shaw SL, 57:859-75 Sheen J, 50:187-217; 57:675-709 Sheng J, 48:27-50 Shikanai T, 58:199-217 Shimamoto K. 53:399-419 Shimazaki K-i, 58:219-47 Shin R. 58:47-69 Shinozaki K, 57:781-803 Sibout R. 58:93-113 Simpson CG, 49:77-95 Sinha N, 50:419-46 Smalle J, 55:555-90 Smeekens S. 51:49-81 Smirnoff N, 52:437-67 Smith AM, 48:67-87: 56:73-97 Smith RD, 49:643-68 Smith SM, 56:73-97 Snedden WA, 56:435-66 Sonnewald U, 57:805-36 Soole KL, 55:23-39 Soppe W, 49:345-70 Spiering MJ, 55:315-40 Spreitzer RI, 53:449-75 Staiger CJ, 51:257-88 Starlinger P. 56:1-13 Stenmark P, 54:497-517 Steudle E., 52:847-75 Stitt M, 57:805-36 Su Y, 57:837-58 Sugiura M, 48:383-98 Sun T-p, 55:197-223 Sung S, 56:491-508 Sussex I, 49:xiii-xxii Sze H. 51:433-62

# T

Tabata S, 49:151–71
Takahashi H, 52:163–210
Takayama S, 56:467–89
Talbot MJ, 54:431–54
Tanaka A, 58:321–46
Tanaka R, 58:321–46
Tarun AS, 51:401–32
Tausta SL, 57:181–201
Taylor LP, 48:461–91
Temple BRS, 58:249–66
Terry N, 51:401–32
Tester M, 53:67–107
Thomas H, 50:67–95

Thomashow MF, 50:571–99 Thornsberry JM, 54:357–74 Tolbert NE, 48:1–25 Tomos AD, 50:447–72 Trapp S, 52:689–724 Tsukaya H, 57:477–96 Turner S, 58:407–33

U

Udvardi MK, 48:493–523 Ueguchi-Tanaka M, 58:183–98

# V

Vaistij FE, 57:567–97 Vanlerberghe GC, 48:703–34 Vaucheret H, 51:167–94 Vercesi A, 57:383–404 Verma DPS, 52:751–84 Véry A-A, 54:575–603 Vierstra RD, 55:555–90 Vivanco JM, 57:233–66 Voelker T, 52:335–61 von Wettstein D, 58:1–19 Voznesenskaya EE, 55:173–96 Vreugdenhil D, 55:141–72

W

Wada M, 54:455–68 Waner D, 52:627–58 Wang X, 52:211–31 Wasteneys GO, 54:691–722 Wasternack C, 53:275–97 Watanabe K, 55:537–54 Weaver LM, 50:473–503 Weber APM, 56:133–64 Weber H, 56:253–79 Weckwerth W, 54:669–89 Weir TL, 57:233–66 Werck-Reichhart D, 54:629–67 Whetten RW, 49:585–609 Williams LE, 52:659–88

Winkel BSJ, 55:85-107

Wipf D, 55:341-71

Wobus U, 56:253-79

X

Xiong J, 53:503–21 Xu D, 57:335–59 Xu M-Q, 56:375–92

Y

Yamaguchi-Shinozaki K, 57:781–803 Ye Z-H, 53:183–202 Yeh S, 52:407–36 Yellin A, 56:435–66 Yocum CF, 57:521–65 Yokota T, 54:137–64 Yu J, 58:71–91

Z

Zayed AM, 51:401–32 Zeeman SC, 56:73–97 Zhu J-K, 51:463–62; 53:247–73 Zielinski RE, 49:697–725 Zourelidou M, 49:127–50 Zrenner R, 57:805–36

# Chapter Titles, Volumes 48-58

**Prefatory Chapters** 

#### The C2 Oxidative Photosynthetic Carbon Cycle NE Tolbert 48:1-25 Themes in Plant Development 1 Sussex 49:xiii-xxii **Educator and Editor** M Gibbs 50:1-25 Fifty Years of Plant Science: Was There Really No Place for a Woman? A Oaks 51:1-16 Fifty Years as a Plant Physiologist **IHM Henderson** 52:1-28 Paving the Path AA Benson 53:1-25 Conjectures, Refutations, and Extrapolations LT Evans 54:1-21 An Unforeseen Voyage to the World of Phytochromes M Furuva 55:1-21 Fifty Good Years P Starlinger 56:1-13 Looking at Life: From Binoculars to the Electron Microscope SP Gibbs 57:1-17 From Analysis of Mutants to Genetic Engineering D von Wettstein 58:1-19 **Biochemistry and Biosynthesis** Auxin Biosynthesis **B** Bartel 48:51-66 Regulation of Fatty Acid Synthesis JB Ohlrogge, 48:109-36 JG Jaworski The Oxidative Burst in Plant Disease Resistance C Lamb, RA Dixon 48:251-75 48:355-81 Biosynthesis and Action of Jasmonates in Plants RA Creelman, JE Mullet Aquaporins and Water Permeability of Plant Membranes C Maurel 48:399-429 Gibberellin Biosynthesis: Enzymes, Genes, and Their Regulation P Hedden, Y Kamiya 48:431-60 Metabolic Transport Across Symbiotic Membranes of Legume Nodules MK Udvardi, DA Day 48:493-523

Structure and Membrane Organization of		
Photosystem II in Green Plants	B Hankamer, J Barber, EJ Boekema	48:641-71
Alternative Oxidase: From Gene to Function	GC Vanlerberghe, L McIntosh	48:703-34
Posttranslational Assembly of Photosynthetic		
Metalloproteins	S Merchant, BW Dreyfuss	49:25-51
Biosynthesis and Function of the Sulfolipid	CD .	40.53.55
Sulfoquinovosyl Diacyglycerol	C Benning	49:53-75
Protein Targeting to the Thylakoid Membrane	DJ Schnell C Schwechheimer,	49:97-126 49:127-50
Plant Transcription Factor Studies	M Zourelidou, MW Bevan	49:127-30
Ascorbate and Glutathione: Keeping Active		
Oxygen Under Control	G Noctor, CH Foyer	49:249-79
Plant Cell Wall Proteins	GI Cassab	49:281-309
Molecular-Genetic Analysis of Plant Cytochrome P450-Dependent		
Monooxygenases	C Chapple	49:311-43
Photosynthetic Cytochromes c in		
Cyanobacteria, Algae, and Plants	CA Kerfeld, DW Krogmann	49:397-425
Genes and Enzymes of Carotenoid		
Biosynthesis in Plants	FX Cunningham Jr, E Gantt	49:557–83
Recent Advances in Understanding Lignin		
Biosynthesis	RW Whetten, JJ MacKay, RR Sederoff	49:585-609
Desaturation and Related Modifications		
of Fatty Acids	J Shanklin, EB Cahoon	49:611-41
Molecular Biology of Cation Transport		
in Plants	TC Fox,	49:669-96
	ML Guerinot	
Calmodulin and Calmodulin-Binding Proteins in Plants	RE Zielinski	49:697-725
ABC Transporters	PA Rea, Z-S Li,	49:727-60
AbC. Transporters	Y-P Lu,	47:727-00
	YM Drozdowicz, E Martinoia	
The 1-Deoxy-D-Xylulose-5-Phosphate		
Pathway of Isoprenoid Biosynthesis		
in Plants	HK Lichtenthaler	50:47-65
Chlorophyll Degradation	P Matile,	50:67-95
	S Hörtensteiner, H Thomas	
Plant Protein Serine/Threonine Kinases:		
Classification and Functions	DG Hardie	50:97-131
Cellulose Biosynthesis: Exciting Times for a	DP Delmer	50:245-76
Difficult Field of Study	DP Deimer	30:243-70

Nitrate Reductase Structure, Function, and		
Regulation: Bridging the Gap Between		
Biochemistry and Physiology	WH Campbell	50:277-303
Crassulacean Acid Metabolism: Molecular		
Genetics	JC Cushman,	50:305-32
	HJ Bohnert	
Photoprotection Revisited: Genetic and		
Molecular Approaches	KK Niyogi	50:333-59
Enzymes and Other Agents that Enhance Cell		
Wall Extensibility	DJ Cosgrove	50:391-417
The Shikimate Pathway	KM Herrmann, LM Weaver	50:473-503
CO C W. L	Lavi weaver	
CO <sub>2</sub> -Concentrating Mechanisms in		50 530 50
Photosynthetic Microorganisms	A Kaplan, L Reinhold	50:539-70
The Water-Water Cycle in Chloroplasts:		
Scavenging of Active Oxygens and		50 (01 10
Dissipation of Excess Photons	K Asada	50:601-39
Phosphate Acquisition	KG Raghothama	50:665-93
Biotin Metabolism in Plants	C Alban, D Job, R Douce	51:17-47
The Chloroplast ATP Synthase: A Rotary		
Enzyme?	RE McCarty, Y Evron, EA Johnson	51:83-109
Nonphotosynthetic Metabolism in Plastids	MJ Emes, HE Neuhaus	51:111-40
D. I	HE Neunaus	
Pathways and Regulation of Sulfur Metabolism		
Revealed Through Molecular Genetic Studies	T1	51:141-66
Studies	T Leustek, MN Martin,	31:141-00
	J Bick, JP Davies	
Diversity and Regulation of Plant Ca <sup>2+</sup>		
Pumps: Insights from Expression in Yeast	H Sze, F Liang, I Hwang,	51:433-62
	AC Curran,	
	JF Harper	
Growth Retardants: Effects on Gibberellin		
Biosynthesis and Other Metabolic		
Pathways	W Rademacher	51:501-31
Alkaloid Biosynthesis in Plants: Biochemistry,		
Cell Biology, Molecular Regulation, and		
Metabolic Engineering Applications	PJ Facchini	52:29-66
Cytokinin Metabolism and Action	DWS Mok, MC Mok	52:89-118
One-Carbon Metabolism in Higher Plants	AD Hanson, S Roje	52:119-37
Plant Phospholipases	X Wang	52:211-31
Mechanistic Features of the Mo-Containing		
Nitrogenase	J Christiansen, DR Dean,	52:269–95
	LC Seefeldt	
Molecular Engineering of C <sub>4</sub> Photosynthesis	M Matsuoka.	52:297-314
and the second s	RT Furbank, H Fukayama,	
	M Miyao	

Isoprene Emission from Plants Biosynthesis of Ascorbic Acid in Plants:	TD Sharkey, S Yeh	52:407-36
A Renaissance	N Smirnoff, PL Conklin, FA Loewus	52:437-67
Tonoplast Transporters: Organization and		
Function	M Maeshima	52:469-97
Plant Mitochondria and Oxidative Stress: Electron Transport, NADPH Turnover, and Metabolism of Reactive Oxygen		
Species	IM Møller	52:561-91
Photosystem I: Function and Physiology	PR Chitnis	52:593-626
Guard Cell Signal Transduction	JI Schroeder, GJ Allen, V Hugouvieux, JM Kwak, D Waner	52:627–58
Transporters Responsible for the Uptake and		
Partitioning of Nitrogenous Solutes	LE Williams,	52:659-88
	AJ Miller	
Ribosome-Inactivating Proteins: A Plant		
Perspective	K Nielsen,	52:785-816
	RS Boston	
Plant Plasma Membrane H+-ATPases:		
Powerhouses for Nutrient Uptake	MG Palmgren	52:817-45
New Insights into the Regulation and Functional Significance of Lysine		
Metabolism in Plants	G Galili	53:27-43
Nonselective Cation Channels in Plants	V Demidchik, RJ Davenport, M Tester	53:67-107
The Lipoxygenase Pathway	I Feussner,	53:275-97
	C Wasternack	
The Complex Fate of α-Ketoacids	BP Mooney,	53:357-75
	JA Miernyk, DD Randall	
Rubisco: Structure, Regulatory Interactions,		
and Possibilities for a Better Enzyme	RJ Spreitzer, ME Salvucci	53:449-75
Chlororespiration	G Peltier, L Cournac	53:523-50
Structure, Dynamics, and Energetics of the Primary Photochemistry of Photosystem II		
of Oxygenic Photosynthesis	BA Diner, F Rappaport	53:551-80
Plant Peroxiredoxins	K-J Dietz	54:93-107
Biosynthesis and Metabolism		
of Brassinosteroids	S Fujioka, T Yokota	54:137-64
From Bacterial Glycogen to Starch:		
Understanding the Biogenesis of the Plant		
Starch Granule	SG Ball, MK Morell	54:207-33
Membrane-Bound Diiron Carboxylate		
Proteins	DA Berthold,	54:497-517
	P Stenmark	

Lignin Biosynthesis	W Boerjan, J Ralph, M Baucher	54:519-46
Alternative NAD(P)H Dehydrogenases		
of Plant Mitochondria	AG Rasmusson, KL Soole, TE Elthon	55:23-39
Phosphoenolpyruvate Carboxylase: A New Era	TE EIGHOI	
of Structural Biology	K Izui, H Matsumura, T Furumoto, Y Kai	55:69-84
Metabolic Channeling in Plants	BSJ Winkel	55:85-107
Rhamnogalacturonan II: Structure and		
Function of a Borate Cross-Linked Cell		
Wall Pectic Polysaccharide	MA O'Neill, T Ishii, P Albersheim, AG Darvill	55:109–39
Single-Cell C <sup>4</sup> Photosynthesis Versus the		
Dual-Cell (Kranz) Paradigm	GE Edwards, VR Franceschi, EE Voznesenskava	55:173–96
Phytoestrogens	RA Dixon	55:225-61
Decoding Ca2+ Signals Through Plant Protein		
Kinases	JF Harper, G Breton, A Harmon	55:263-88
Transport Mechanisms for Organic Focus of Carbon and Nitrogen Between Source and		
Sink	S Lalonde, D Wipf, WB Frommer	55:341-71
The Generation of Ca <sup>2+</sup> Signals in Plants	AM Hetherington, C Brownlee	55:401-27
Biosynthesis and Accumulation of Sterols	P Benveniste	55:429-57
The Ubiquitin 26S Proteasome Proteolytic		
Pathway	J Smalle, RD Vierstra	55:555-90
Starch Degradation	AM Smith, SC Zeeman, SM Smith	56:73-97
Redox Regulation: A Broadening Horizon	BB Buchanan, Y Balmer	56:187-220
Molecular Physiology of Legume Seed		
Development	H Weber, L Borisjuk, U Wobus	56:253-79
Evolution of Flavors and Scents	DR Gang	56:301-25
Plant-Specific Calmodulin-Binding Proteins	N Bouché, A Yellin, WA Snedden, H Fromm	56:435–66
Chlorophyll Degradation During Senescence	S Hörtensteiner	57:55-77
Biology and Biochemistry of Glucosinolates	BA Halkier, J Gershenzon	57:303-33
Cytokinins: Activity, Biosynthesis, and		
Translocation	H Sakakibara	57:431-49
Structure and Function of Photosystems		
I and II	N Nelson, CF Yocum	57:521-65

Glycosyltransferases of Lipophilic Small		
Molecules	D Bowles, E-K Lim, B Poppenberger,	57:567-97
	FE Vaistij	
Molybdenum Cofactor Biosynthesis and		
Molybdenum Enzymes	G Schwarz, RR Mendel	57:623-47
Vitamin Synthesis in Plants: Tocopherols and		
Carotenoids	D DellaPenna, B Pogson	57:711–38
The Genetics and Biochemistry of Floral		
Pigments	E Grotewold	57:761-80
Pyrimidine and Purine Biosynthesis and		
Degradation in Plants	R Zrenner, M Stitt, U Sonnewald, R Boldt	57:805-36
Phytochrome Structure and Signaling		
Mechanisms	NC Rockwell, Y-S Su, JC Lagarias	57:837-58
Phototropin Blue-Light Receptors	JM Christie	58:21-45
Nutrient Sensing and Signaling: NPKS	DP Schachtman, R Shin	58:47–69
Hydrogenases and Hydrogen Photoproduction		
in Oxygenic Photosynthetic Organisms	ML Ghirardi, MC Posewitz,	58:71-91
	P-C Maness, A Dubini, J Yu, M Seibert	
Gibberellin Receptor and Its Role in	M Scibert	
Gibberellin Signaling in Plants	M Ueguchi-Tanaka, M Nakajima,	58:183-98
	A Motoyuki, M Matsuoka	
The Production of Unusual Fatty Acids in		
Transgenic Plants	JA Napier	58:295-319
Tetrapyrrole Biosynthesis in Higher Plants	R Tanaka, A Tanaka	58:321-46
Plant ATP-Binding Cassette Transporters Oxidative Modifications to Cellular	PA Rea	58:347-75
Components in Plants	IM Møller, PE Jensen, A Hansson	58:459-81
Genetics and Molecular Biology		
Transport of Proteins and Nucleic Acids		
Through Plasmodesmata	S Ghoshroy, R Lartey, J Sheng, V Citovsky	48:27-50
Chemical Control of Gene Expression	C Gatz	48:89-108
Cyanobacterial Circadian Rhythms	SS Golden, M Ishiura, CH Johnson, T Kondo	48:327-54
Plant In Vitro Transcription Systems	M Sugiura	48:383-98

Plant Disease Resistance Genes	KE Hammond-Kosack, JDG Jones	48:575-607
Splice Site Selection in Plant Pre-mRNA		
Splicing	JWS Brown, CG Simpson	49:77-95
Lessons from Sequencing of the Genome		
of a Unicellular Cyanobacterium,		
Synechocystis Sp. PCC6803	H Kotani, S Tabata	49:151-71
DNA Methylation in Plants	EJ Finnegan, RK Genger, WJ Peacock, ES Dennis	49:223-47
Nuclear Control of Plastid and Mitochondrial		
Development in Higher Plants	P León, A Arroyo, S Mackenzie	49:453-80
C4 Gene Expression	J Sheen	50:187-217
(Trans)Gene Silencing in Plants: How Many		
Mechanisms?	M Fagard,	51:167-94
	H Vaucheret	
Cereal Chromosome Structure, Evolution, and		
Pairing	G Moore	51:195-222
Chlamydomonas as a Model Organism	EH Harris	52:363-406
Molecular Genetics of Auxin Signaling	O Leyser	53:377-98
Rice as a Model for Comparative Genomics of Plants	K Shimamoto,	53:399-419
	J Kyozuka	33:349-419
A New Moss Genetics: Targeted Mutagenesis	DG Schaefer	53:477-501
in Physcomitrella patens Complex Evolution of Photosynthesis	J Xiong, CE Bauer	53:503-21
The COP9 Signalosome: Regulating Plant Development Through the Control	J Along, CE Bauer	33.303-21
of Proteolysis	G Serino, X-W Deng	54:165-82
Structure of Linkage Disequilibrium in Plants	SA Flint-Garcia, JM Thornsberry, ES Buckler IV	54:357-74
Functional Genomics of P450s	MA Schuler, D Werck-Reichhart	54:629-67
DNA Methylation and Epigenetics	J Bender	55:41-68
Naturally Occurring Genetic Variation in		
Arabidopsis Thaliana	M Koornneef, C Alonso-Blanco, D Vreugdenhil	55:141-72
Plastid Transformation in Higher Plants	P Maliga	55:289-313
Visualizing Chromosome		
Structure/Organization	E Lam, N Kato, K Watanabe	55:537-54
Biology of Chromatin Dynamics	T-F Hsieh, RL Fischer	56:327-51
Self-Incompatibility in Plants MicroRNAs and Their Regulatory Roles	S Takayama, A Isogai	56:467-89
in Plants	MW Jones-Rhoades,	57:19-53
	DP Bartel, B Bartel	

Genetics of Meiotic Prophase I in Plants	O Hamant, H Ma, WZ Cande	57:267-302
Genetics and Biochemistry of Seed Flavonoids	L Lepiniec, I Debeaujon, J-M Routaboul, A Baudry, L Pourcel, N Nesi,	57:405–30
	M Caboche	
Mosses as Model Systems for the Study of Metabolism and Development	D Cove, M Benzanilla, P Harries.	57:497-520
	R Quatrano	
Cyclic Electron Transport Around	K Quatrano	
Photosystem I: Genetic Approaches	T Shikanai	58:199-217
Alternative Splicing of Pre-Messenger RNAs		
in Plants in the Genomic Era	ASN Reddy	58:267-94
Genetic and Epigenetic Mechanisms for Gene		
Expression and Phenotypic Variation	71 Chan	58:377-406
in Plant Polyploids	ZJ Chen	38:3//-400
Cell Differentiation		
The Synthesis of the Starch Granule	AM Smith, K Denyer, C Martin	48:67-87
Pollen Germination and Tube Growth Programmed Cell Death in Plant-Pathogen	LP Taylor, PK Hepler	48:461-91
Interactions	JT Greenberg	48:525-45
Pollination Regulation of Flower Development	SD O'Neill	48:547-74
Genetics of Angiosperm Shoot Apical		
Meristem Development	MMS Evans,	48:673-701
Genetic Analysis of Ovule Development	MK Barton CS Gasser,	49:1-24
Genetic Analysis of Ovuic Development	J Broadvest,	47.1-24
	BA Hauser	
Meiotic Chromosome Organization and		
Segregation in Plants	RK Dawe	49:371-95
Hormone-Induced Signaling During Moss		
Development	KS Schumaker, MA Dietrich	49:501-23
Phosphate Translocators in Plastids	U-I Flügge	50:27-45
Gametophyte Development in Ferns Leaf Development in Angiosperms	JA Banks N Sinha	50:163-86 50:419-46
Asymmetric Cell Division in Plants	B Scheres, PN Benfey	50:505-37
Signaling to the Actin Cytoskeleton in Plants	CJ Staiger	51:257-88
Cytoskeletal Perspectives on Root Growth and	of ounger	2
Morphogenesis	PW Barlow, F Baluška	51:289-322
Circadian Rhythms in Plants	CR McClung	52:139-62
Endosperm Development: Cellularization and		
Cell Fate Specification	O-A Olsen	52:233-67
The Plastid Division Machine	KW Osteryoung, RS McAndrew	52:315-33

Cytokinesis and Building of the Cell Plate		
in Plants	DPS Verma	52:751-84
Shoot and Floral Meristem Maintenance in	IC FL. I	53 45 66
Arabidopsis	JC Fletcher	53:45-66
Vascular Tissue Differentiation and Pattern	72 11 1/	£2 102 202
Formation in Plants	Z-H Ye	53:183-202
The Plant Cell Cycle	W Dewitte, JAH Murray	54:235–64
How Do Cells Know What They Want To Be		
When They Grow Up? Lessons from	ICI II MI D	54 403 30
Epidermal Patterning in Arabidopsis	JC Larkin, ML Brown, J Schiefelbein	54:403-30
Transfer Cells: Cells Specialized for a Special		
Purpose	CE Offler, DW McCurdy, JW Patrick, MJ Talbot	54:431–54
Molecular Mechanisms and Regulation		
of K <sup>+</sup> Transport in Higher Plants	A-A Véry, H Sentenac	54:575-603
Remodeling the Cytoskeleton for Growth and		
Form: An Overview with Some New Views	GO Wasteneys, ME Galway	54:691-722
Calcium Oxalate in Plants: Formation		
and Function	VR Franceschi, PA Nakata	56:41-71
Solute Transporters of the Plastid Envelope		
Membrane	APM Weber, R Schwacke, U-I Flügge	56:133-64
Abscisic Acid Biosynthesis and Catabolism	E Nambara, A Marion-Poll	56:165-85
Endocytotic Cycling of PM Proteins	AS Murphy, A Bandyopadhyay, SE Holstein, WA Peer	56:221-51
Cytokinesis in Higher Plants	G Jürgens	56:281-99
Shoot Branching	P McSteen, O Leyser	56:353-74
Molecular Genetic Analyses of Microsporogenesis and		
Microgametogenesis in Flowering Plants	H Ma	56:393-434
Remembering Winter: Toward a Molecular		
Understanding of Vernalization	S Sung, RM Amasino	56:491-508
New Insights to the Function of		
Phytopathogenic Bacterial Type III		
Effectors in Plants	M Mudgett	56:509-31
Control of the Actin Cytoskeleton in Plant		
Cell Growth	PJ Hussey, T Ketelaar, MI Deeks	57:109-25
Seasonal Control of Tuberization in Potato:		
Conserved Elements with the Flowering		
Response	M Rodríguez-Falcón,	57:151-80
1	J Bou, S Prat	

Mechanism of Leaf Shape Determination	H Tsukaya	57:477-96
Protein Degradation Machineries in Plastids	W Sakamoto	57:599-621
Peptide Hormones in Plants	Y Matsubayashi,	57:649-74
	Y Sakagami	
Plastid-to-Nucleus Retrograde Signaling	A Nott, H-S Jung,	57:739-59
	S Koussevitzky,	
	J Chory	
Microtubule Dynamics and Organization in		
the Plant Cortical Array	DW Ehrhardt,	57:859-75
	SL Shaw	
Leaf Senescence	PO Lim, HJ Kim,	58:115-36
	HG Nam	
The Biology of Arabinogalactan Proteins	GJ Seifert,	58:137-61
	K Roberts	
Stomatal Development	DC Bergmann,	58:163-81
T N H	FD Sack	20.310.44
The Plant Heterotrimeric G-Protein Complex	BRS Temple, AM Jones	58:249-66
Tracheary Element Differentiation	S Turner, P Gallois, D Brown	58:407-33
Tissue, Organ, and Whole Plant Events		
Molecular Genetic Analysis of Trichome		
Development in Arabidopsis	MD Marks	48:137-63
Phloem Unloading: Sieve Element Unloading		
and Post-Sieve Element Transport	JW Patrick	48:191-222
Oxygen Deficiency and Root Metabolism:		
Injury and Acclimation Under Hypoxia		
and Anoxia	MC Drew	48:223-50
The Ethylene Response Pathway	11 12: 1	40 377 04
in Arabidopsis	JJ Kieber	48:277-96
Elaboration of Body Plan and Phase Change During Development of Acetabularia: How		
is the Complex Architecture of a Giant		
Unicell Built?	DF Mandoli	49:173-98
Abscisic Acid Signal Transduction	J Giraudat, J Leung	49:199-222
Genetic Control of Flowering Time	J chiadan, J Louing	
in Arabidopsis	M Koornneef,	49:345-70
	C Alonso-Blanco,	
	AJM Peeters,	
	W Soppe	
Brassinosteroids: Essential Regulators of Plant		
Growth and Development	SD Clouse, JM Sasse	49:427-51
Boron in Plant Structure and Function	DG Blevins,	49:481-500
	KM Lukaszewski	
Evolution of Light-Regulated Plant Promoters	G Argüello-Astorga, L Herrera-Estrella	49:525-55
Phytoremediation	DE Salt, RD Smith,	49:643-68
	I Raskin	
Genetic Analysis of Hormone Signaling	P McCourt	50:219-43
Molecular and Cellular Aspects of the		
Arbuscular Mycorrhizal Symbiosis	MJ Harrison	50:361-89

Plant Cold Acclimation: Freezing Tolerance	MCTI I	50.571.00
Genes and Regulatory Mechanisms	MF Thomashow	50:571-99
Silicon  Poots in Soil, Unconthing the Complesition of	E Epstein	50:641-64
Roots in Soil: Unearthing the Complexities of Roots and Their Rhizospheres	ME McCully	50:695-718
Sugar-Induced Signal Transduction in Plants	S Smeekens	51:49-81
Selenium in Higher Plants	N Terry, AM Zayed, MP de Souza,	51:401-32
How Gibberellin Regulates Plant Growth and	AS Tarun	
Development: A Molecular Genetic	DE Diskards	53.47.00
Analysis of Gibberellin Signaling	DE Richards, KE King, T Ait-ali, NP Harberd	52:67-88
Function and Mechanism of Organic Anion		
Exudation from Plant Roots	PR Ryan, E Delhaize, DL Jones	52:527-60
Defensive Resin Biosynthesis in Conifers Molecular Biology of Fruit Maturation	S Trapp, R Croteau	52:689-724
and Ripening The Cohesion-Tension Mechanism and the	J Giovannoni	52:725-49
Acquisition of Water by Plant Roots Abscission, Dehiscence, and Other Cell	E Steudle	52:847-75
Separation Processes	JA Roberts, KA Elliott, ZH Gonzalez- Carranza	53:131-58
Phytochelatins and Metallothioneins: Roles		
in Heavy Metal Detoxification		
and Homeostasis	C Cobbett, P Goldsbrough	53:159-82
Local and Long-Range Signaling Pathways		
Regulating Plant Responses to Nitrate Acclimative Response to Temperature Stress in Higher Plants: Approaches of Gene	BG Forde	53:203-24
Engineering for Temperature Tolerance Salt and Drought Stress Signal Transduction	K Iba	53:225-45
in Plants	J-K Zhu	53:247-73
Plant Responses to Insect Herbivory:		
The Emerging Molecular Analysis	A Kessler, IT Baldwin	53:299-328
Phytochromes Control Photomorphogenesis by Differentially Regulated, Interacting	P.V P.G.L.C	
Signaling Pathways in Higher Plants Root Gravitropism: An Experimental Tool to Investigate Basic Cellular and Molecular Processes Underlying Mechanosensing	F Nagy, E Schäfer	53:329–55
and Signal Transmission in Plants	K Boonsirichai, C Guan, R Chen, PH Masson	53:421-47
Understanding the Functions of Plant Disease	CD14	
Resistance Proteins	GB Martin, AJ Bogdanove, G Sessa	54:23-61

Protein Phosphatases in Plants	S Luan	54:63-92
Nitric Oxide: The Versatility of an Extensive Signal Molecule	L Lamattina,	54:109-36
Signal Molecule	C García-Mata,	2 11107 20
	M Graziano,	
	G Pagnussat	
Phospholipid-Based Signaling in Plants	HJG Meijer, T Munnik	54:265-306
Gibberellins and Flowering of Grasses and Cereals: Prizing Open the Lid of the		
"Florigen" Black Box Cryptochrome Structure and Signal	RW King, LT Evans	54:307-28
Transduction	C Lin, D Shalitin	54:469-96
Perception and Signal Transduction		
of Cytokinins	T Kakimoto	54:605-27
Symbioses of Grasses with Seedborne Fungal		
Endophytes	CL Schardl, A Leuchtmann, MJ Spiering	55:315–40
Reactive Oxygen Species: Metabolism,	EA LITTE	55 373 00
Oxidative Stress, and Signal Transduction Integrative Plant Biology: Role of Phloem Long-Distance Macromolecular	K Apel, H Hirt	55:373–99
Trafficking	TJ Lough, WJ Lucas	57:203-32
The Role of Root Exudates in Rhizosphere		
Interactions with Plants and Other		
Organisms	HP Bais, TL Weir, LG Perry, S Gilroy, JM Vivanco	57:233-66
Leaf Hydraulics	L Sack, NM Holbrook	57:361-81
Sugar Sensing and Signaling in Plants:		
Conserved and Novel Mechanisms	F Rolland,	57:675-709
	E Baena-Gonzalez, J Sheen	
Hidden Branches: Developments in Root		
System Architecture	KS Osmont, R Sibout, CS Hardtke	58:93-113
Light Regulation of Stomatal Movement	K-i Shimazaki, M Doi, SM Assmann, T Kinoshita	58:219-47
Acclimation and Adaptation		
Plant Transformation: Problems and Strategies		
for Practical Application	RG Birch	48:297-326
More Efficient Plants: A Consequence of		
Rising Atmospheric CO <sub>2</sub> ?	BG Drake, MA González-Meler, SP Long	48:609–39
Improving the Nutrient Composition of Plants		
to Enhance Human Nutrition and Health	MA Grusak, D DellaPenna	50:133-61

Macronutrient Utilization by Photosynthetic		
Eukaryotes and the Fabric of Interactions	A Grossman,	52:163-210
	H Takahashi	
Variations in the Biosynthesis of Seed-Storage		
Lipids	T Voelker, AJ Kinney	52:335-61
Revealing the Molecular Secrets of Marine		
Diatoms	A Falciatore, C Bowler	53:109-30
Iron Transport and Signaling in Plants	C Curie, J-F Briat	54:183-206
Photosynthesis of Overwintering Evergreen	0 8	*****
Plants	G Öquist, NPA Huner	54:329-55
Chloroplast Movement	M Wada, T Kagawa, Y Sato	54:455-68
How Do Crop Plants Tolerate Acid Soils?	1 Sato	
Mechanisms of Aluminum Tolerance and		
Phosphorous Efficiency	L Kochian,	55:459-93
Thosphorous Emelency	OA Hoekenga,	22.122
	MA Piñeros	
Genetical Regulation of Time to Flower in		
Arabidopsis Thaliana	Y Komeda	55:521-35
Rising Atmospheric Carbon Dioxide:		
Plants FACE the Future	SP Long,	55:557-94
	EA Ainsworth,	
	A Rogers, DR Ort	
Phytoremediation	E Pilon-Smits	56:15-39
CO <sub>2</sub> Concentrating Mechanisms in Algae:		
Mechanisms, Environmental Modulation,		*****
and Evolution	M Giordano,	56:99-131
	J Beardall, JA Raven	
Responding to Color: The Regulation of	JA Kaven	
Complementary Chromatic Adaptation	DM Kehoe, A Gutu	57:127-50
Plant Uncoupling Mitochondrial Proteins	AE Vercesi, J Borecky,	57:383-404
Tiant Chesping Mocional Trotein	I de Godoy Maia,	211000 101
	P Arruda,	
	IM Cuccovia,	
	H Chaimovich	
Transcriptional Regulatory Networks in		
Cellular Responses and Tolerance to		
Dehydration and Cold Stresses	K Yamaguchi-	57:781-803
	Shinozaki,	
	K Shinozaki	
Methods		
	0.01	10.148.00
Fluorescence Microscopy of Living Plant Cells	S Gilroy	48:165-90
The Pressure Probe: A Versatile Tool in Plant	AD Tomos DA Latak	50:447-72
Cell Physiology Probing Plant Metabolism with NMR	AD Tomos, RA Leigh RG Ratcliffe,	50: <del>44</del> /-/2 52: <del>4</del> 99-526
Frooing Faint Metabolism with NAIR	Y Shachar-Hill	32:477-320
Single-Nucleotide Mutations for Plant	1 Shathar-Lin	
Functional Genomics	S Henikoff, L Comai	54:375-401
Metabolomics in Systems Biology	W Weckwerth	54:669-89
e co		

VIGS Vectors for Gene Silencing: Many		
Targets, Many Tools	D Robertson	55:495-519
Protein Splicing Elements and Plants: From		
Transgene Containment to Protein		
Purification	TC Evans Jr, M-Q Xu, S Pradhan	56:375-92
Quantitative Fluorescence Microscopy: From		
Art to Science	M Fricker, J Runions, I Moore	57:79–107
Laser Microdissection of Plant Tissue:		
What You See Is What You Get	T Nelson, SL Tausta, N Gandotra, T Liu	57:181-20
Bioinformatics and Its Applications in Plant		
Biology	SY Rhee, J Dickerson, D Xu	57:335-59
Global Studies of Cell Type-Specific Gene		
Expression in Plants	DW Galbraith, K Birnbaum	57:451-75
Populus: A Model System for Plant Biology	S Jansson, CI Douglas	58:435-58